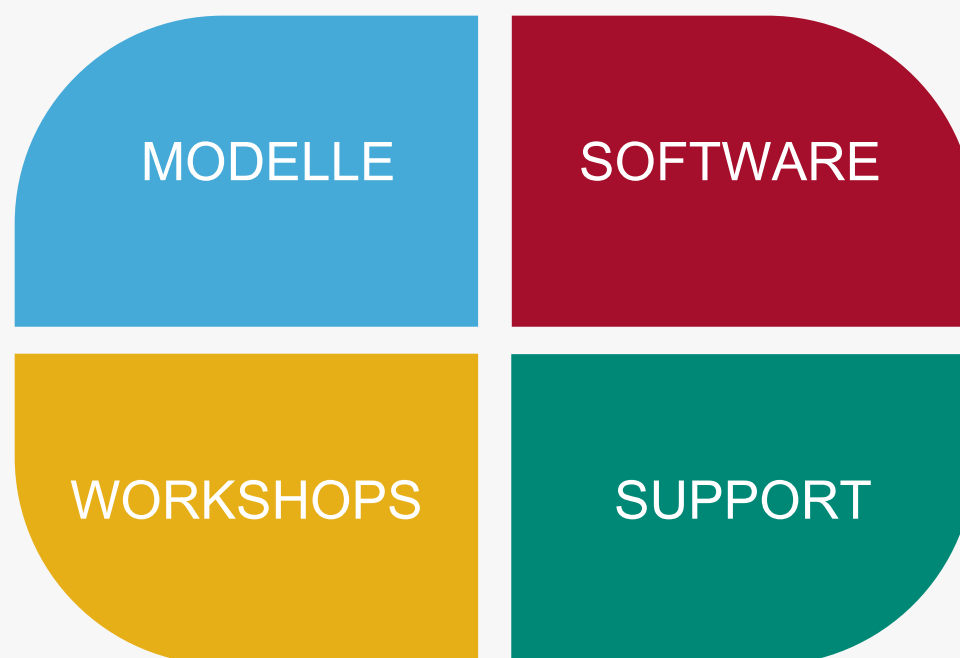


PAULY

An innovative platform for the prediction of physicochemical properties



Project:

The PAULY software helps users to predict of chemical properties. They can be used for the risk assessment of chemicals, the characterisation of the environmental behaviour of chemicals and for the conception of experimental designs.

Status Quo:

Black box models that make it difficult for users to judge whether the models provide valid data with regard to their application. However, ECHA requires transparent dossiers on chemical properties for placing on the market of new chemicals in the EU.

Financial Volume / Term:

250.000€ / 24 months

Challenge:

Documentation for the approval of new chemicals

Team:

Project leader: Nadin Ulrich (UFZ)

Partner: Karsten Voigt (Droid Solutions GmbH) & Daniel Barofke (HHL student)

Mentor: Tetje Dietrich (Technologiegründerfonds Sachsen Management GmbH & Co. KG)

Solution:

PAULY provides an intuitive toolbox with predictions of physicochemical parameters (e.g. water solubility, octanol-water partition coefficient, gas chromatography retention times). In addition, PAULY also provides the necessary background information on the models themselves and offers users a web application and, if required, customised interfaces for individual software solutions.



Visit the
website!



If you are also interested in funding, please get in touch with us by email, phone or in person!

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